

# KRM33

Low profile variable coverage speaker

Redline



portable KRM33

## Features

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- Selectable horizontal coverage
- Extended frequency response
- Strong stainless steel chassis
- Controlled horizontal dispersion

## Applications

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- Arrayable wedge monitor
- Ceiling and under-balcony speaker
- Corporate installations
- House of worship
- Small clubs
- Theatrical sound reinforcement

The KRM33 or “the cheese box” as it has been affectionately nicknamed, is an ultra-compact and low-profile powered wedge speaker with a controlled horizontal pattern and has an extended frequency response. It is made up of three 3.15” cone drivers and one 6” passive radiator. This combination guarantees a controlled and linear emission on a really wide range, with a bass enhancement mode that can go from 70Hz to 18KHz.

The KRM33 is equipped with a two channel amplifier and a DSP that can be used to adjust the EQ directly inside the box. An USB direct connection guarantees an easy plug & play connection. The DSP also offers the possibility of changing the horizontal pattern of the single speaker and its bass response, two buttons located at the back of the box are used to quickly change these settings without the need of a computer.

The controlled horizontal dispersion gives the possibility of creating horizontal arrays which increase the SPL and the coverage while maintaining a high and constant signal-before-feedback within all the cluster’s beams.

The stainless steel chassis is a sturdy and durable box solution which is also remarkably short in height. Thanks to this feature the KRM33 can be easily and discreetly integrated in scenography designs, broadcast studios as well as under-balcony speakers in theaters.

All the components of the Redline KRM33 are designed by the K-array R&D department and made in Italy under the K-array quality control system.

## KRM33 specs

<b>Speaker power handling</b>	180 W <sup>(AES)</sup>
<b>Frequency range</b>	70 Hz – 18 KHz +/- 3dB <sup>(1)</sup> / 100 Hz – 18 KHz +/- 3dB <sup>(2)</sup>
<b>SPL 1W/1m</b>	93 dB
<b>Maximum SPL</b>	115 dB (cont.) – 121 dB (peak)
<b>Coverage</b>	
<b>Horizontal</b>	DSP controlled (30° / 70° selectable)
<b>Vertical</b>	90°
<b>Crossover</b>	
<b>Type</b>	DSP controlled
<b>Frequency</b>	70 Hz minimum (preset dependent)
<b>Transducers</b>	
	3 X 3,15" Neodymium cone driver with 1" voice coil 1 X 6" passive radiator
<b>Selection Switch</b>	
<b>Horizontal pattern</b>	Spot – Flood
<b>Response</b>	Bass Enhancer
<b>Audio Input</b>	
<b>Analog connector</b>	1 male + 1 female 3-pin balanced XLR
<b>Remote Control Input</b>	
<b>Connector</b>	1 USB type B
<b>Power Input</b>	
<b>Connector</b>	2 x PowerCon IN/OUT
<b>Amplifier</b>	
<b>Type</b>	1 module class D - DSP controlled
<b>Nominal power output</b>	2 X 125 W @ 4 Ω 1% THD + NOISE
<b>Protection</b>	Dynamic limiter - Over current - Short circuit
<b>Frequency response</b>	20 Hz – 20 KHz, all load +/- 0.5 dB
<b>Damping factor 8Ω, 100 Hz</b>	> 500
<b>THD+N 1KHz, 1 W</b>	0.003%
<b>AC Power</b>	
<b>Nominal voltage</b>	115 / 230 Vac auto switching
<b>Operating range</b>	85 – 132 Vac 170 – 264 Vac 50 – 60 Hz
<b>I. Nom</b>	2 A / 115 Vac 1 A / 230 Vac
<b>Consumption</b>	
<b>Quiescent power (with no signal in)</b>	10 W
<b>1/8 rated power (pink noise) @ 4 Ω</b>	110 W
<b>Peak power</b>	660 W / 120 ms
<b>Certification</b>	
<b>IP</b>	40
<b>Physical</b>	
<b>Dimensions</b>	26.6 x 10.3 x 3.02 cm (10.47" x 4.06" x 11.89")
<b>Weight</b>	5.2 Kg (11.59 lbs)

### Notes for data

1. Bass enhancer ON.
2. Bass enhancer OFF.

New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.

